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IN THE CLAIMS AMEND

1. (Currently amended) An anodic zinc electrode for use in an alkaline based electrochemical cell comprising:
   - a current collector; and
   - an active material composition applied in the current collector, wherein the active material composition includes Zn and ZnO, and wherein the weight ratio of the Zn to ZnO ranges from ~~approximately 1~~ greater than 1.5 - 2 to approximately 1 which enables the anodic zinc electrode to be associated with an electrochemical cell assembled in a charged or discharged state.

2. (Original) The anodic zinc electrode according to claim 1, further comprising a zincate solubility modifier selected from the group consisting of $Be(OH)_2$, $Mg(OH)_2$, $Ca(OH)_2$, $Sr(OH)_2$, $Ba(OH)_2$, $Ra(OH)_2$, and mixtures thereof

3. (Original) The anodic zinc electrode according to claim 1, further comprising a hydrogen gas suppressant selected from the group consisting of PbO, CdO, Bi_2O_3, In_2O_3 and mixtures thereof..

4. (Currently Amended) The anodic zinc electrode according to claim 1, further comprising abinding agent selected from the group consisting of ~~CMC~~ carboxymethylcellulose, ~~PTFE~~ polytetrafluoroethylene, ~~PVA~~ polyvinylalcohol and mixtures thereof.

5. (Deleted)

6. (Deleted)

7. (Deleted)

8. (Deleted)

9. (Currently Amended) An electrochemical cell, comprising:

- a cathodic electrode;
- a separator/absorber;
- an alkaline electrolyte;
- an anodic zinc electrode comprising:
    - a current collector; and
    - an active material composition applied in the current collector, wherein the active material composition includes Zn and ZnO, and wherein the weight ratio of the Zn to ZnO ranges from ~~approximately 1~~ greater than 1.5 - 2 to approximately 1 which enables the anodic zinc electrode to be associated with an electrochemical cell assembled in a charged or discharged state.

10. (Original) The electrochemcial cell according to Claim 9, wherein the anodic zinc electrode further comprises a zincate solubility modifier selected from the group consisting of $Be(OH)_2$, $Mg(OH)_2$, $Ca(OH)_2$, $Sr(OH)_2$, $Ba(OH)_2$, $Ra(OH)_2$, and mixtures thereof

11. (Original) The electrochemical cell according to claim 9, wherein the anodic zinc electrode further comprises a hydrogen gas suppressant selected from the group consisting of PbO, CdO, Bi_2O_3, In_2O_3 and mixtures thereof.

12. (Currently Amended) The electrochemical cell according to claim 9, wherein the anodic zinc electrode further comprises a binding agent selected from the group consisting of ~~CMC~~ carboxymethylcellulose, ~~PTFE~~ polytetrafluoroethylene, ~~PVA~~ polyvinylalcohol and mixtures thereof.

13. (Original) The electrochemical cell according to claim 9, wherein the cathodic electrode comprises manganese dioxide.

14. (Original) The electrochemical cell according to claim 9, wherein the cathodic electrode comprises nickel-hydroxide and/or nickel-oxide.

15. (Original) The electrochemical cell according to claim 9, wherein the cathodic electrode comprises silver and/or silver-oxide.

16. (Deleted)

17. (Deleted)

18. (Deleted)

19. (Deleted)

20. (Deleted)

21. (Deleted)

22. (Deleted)

23. (Formerly Claim 24, Currently Amended) A method for manufacturing an anodic zinc electrode for use in an alkaline based electrochemical cell <u>assembled in a charged and discharged state</u>, comprising the steps of:

- providing a current collector;
- providing an active material composition, wherein the active material composition includes Zn and ZnO, and wherein the weight ratio of Zn to ZnO ranges from ~~approximately 1~~ greater than 1.5 - 2 to approximately 1 which enables the anodic zinc electrode to be associated with an electrochemical cell assembled in a charged or discharged state; and

- associating the active material composition with the current collector.

24. (Deleted)

25. (Deleted)